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**From:** Gillespie, Andrew [Gillespie.Andrew@epa.gov]  
**Sent:** 10/18/2018 3:11:18 PM  
**To:** Lindstrom, Andrew [Lindstrom.Andrew@epa.gov]; Strynar, Mark [Strynar.Mark@epa.gov]  
**CC:** Medina-Vera, Myriam [Medina-Vera.Myriam@epa.gov]; Buckley, Timothy [Buckley.Timothy@epa.gov]; Smith, Emily J. [Smith.Emily@epa.gov]  
**Subject:** RE: pfas study

I just talked to Lahne in DC, she is going to reach out at her level and see if she can find a comms person at CDC who would be willing to work with us to coordinate messaging. She will work with Emily to see if we can get CDC, NCSU, NC DHHS and our comms folks to coordinate.

Andrew J. R. Gillespie, Ph. D.  
Associate Director, US EPA/ORD/NERL  
ORD Executive Lead for PFAS R&D

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**From:** Lindstrom, Andrew  
**Sent:** Thursday, October 18, 2018 10:31 AM  
**To:** Strynar, Mark <Strynar.Mark@epa.gov>; Gillespie, Andrew <Gillespie.Andrew@epa.gov>  
**Cc:** Medina-Vera, Myriam <Medina-Vera.Myriam@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>  
**Subject:** RE: pfas study

Mark,

I just called Antonia and left a message about the possibility of acquiring these samples for NTA for the rest of the Chemours-related PFAS.

I'll let you know what she comes back with as soon as I can.

Thank you very much,

Andy

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**From:** Strynar, Mark  
**Sent:** Thursday, October 18, 2018 10:27 AM  
**To:** Gillespie, Andrew <Gillespie.Andrew@epa.gov>  
**Cc:** Medina-Vera, Myriam <Medina-Vera.Myriam@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>  
**Subject:** RE: pfas study

It is good news GenX is not found. It was expected by us and supports the data that NCSU is acquiring as well.

The novel unmeasured PFAS are my main concern.

The n-PFOS is the linear and the sm-PFOS is the branched isomers. Most people put them together into one integrated peak.

I suggest perhaps a follow-up discussion with Antonia Calafat (CDC) and Jane Hoppin (NCSU) on the results and the messaging.

Mark

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**From:** Gillespie, Andrew  
**Sent:** Thursday, October 18, 2018 9:11 AM  
**To:** Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>  
**Cc:** Medina-Vera, Myriam <[Medina-Vera.Myriam@epa.gov](mailto:Medina-Vera.Myriam@epa.gov)>; Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>  
**Subject:** RE: pfas study

Happy to engage in follow up discussion, what do you suggest?

I think this is good news for GenX in that it is some evidence that it clears the body as opposed to bioaccumulating – am I interpreting that correctly?

But no doubt other PFAS concerns remain. Even this small study shows higher-than-average levels of other PFAS - (PFOA, PFOS, PFHxS) and of course they did not test for other novel PFAS that you have discovered.

By the way, what is the difference between PFOS, n-PFOS, and Sm-PFOS? Each time I think I understand a little chemistry, there is a new curveball...

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**From:** Strynar, Mark  
**Sent:** Thursday, October 18, 2018 9:02 AM  
**To:** Gillespie, Andrew <[Gillespie.Andrew@epa.gov](mailto:Gillespie.Andrew@epa.gov)>  
**Cc:** Medina-Vera, Myriam <[Medina-Vera.Myriam@epa.gov](mailto:Medina-Vera.Myriam@epa.gov)>; Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>  
**Subject:** RE: pfas study

Andy,

Unfortunately some of the PFAS we have seen in the serum of the people down in Wilmington with our NCSU collaboration are not in the CDCs NHANES method. That data is likely to be released by NCSU early in November by NCSU. I expect the full story of the human serum nearby the plant is not being told yet. I think some follow-up discussion is in order.

Mark

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**From:** Gillespie, Andrew  
**Sent:** Thursday, October 18, 2018 7:45 AM  
**To:** Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>  
**Subject:** RE: pfas study

Thanks Mark. Encouraging news, at least for GenX.

Andrew J. R. Gillespie, Ph. D.  
Associate Director, US EPA/ORD/NERL  
ORD Executive Lead for PFAS R&D

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**From:** Strynar, Mark  
**Sent:** Thursday, October 18, 2018 7:19 AM  
**To:** Gillespie, Andrew <[Gillespie.Andrew@epa.gov](mailto:Gillespie.Andrew@epa.gov)>; Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>; Smith, Emily J. <[Smith.Emily@epa.gov](mailto:Smith.Emily@epa.gov)>  
**Subject:** RE: pfas study

Andy,

This is a different study between NCSU and CDC.

Mark

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**From:** Gillespie, Andrew  
**Sent:** Wednesday, October 17, 2018 4:13 PM  
**To:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>; Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>; Smith, Emily J. <[Smith.Emily@epa.gov](mailto:Smith.Emily@epa.gov)>  
**Subject:** pfas study

Is this news story from the study that you have been working on with NCSU, or is it a different study?

<http://www.wunc.org/post/blood-urine-tests-chemical-plant-neighbors-find-no-genx>

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